INTERNATIONAL SEARCH REPORT

PCT/EP 03/11598

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 F01N3/20					
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	International Patent Classification (IPC) or to both national classification	on and IPC			
B. FIELDS S	SEARCHED cumentation searched (classification system followed by classification	eymbols)			
IPC 7		Symbol.)			
Documentati	on searched other than minimum documentation to the extent that suc	ch documents are included in the fields sea	arched		
Electronic da	ata base consulted during the international search (name of data base	and, where practical, search terms used)			
EPO-Int	ternal, PAJ				
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT				
Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim					
Х	US 5 058 380 A (KLINK HORST ET AN 22 October 1991 (1991-10-22) the whole document	1-22			
X	PATENT ABSTRACTS OF JAPAN vol. 002, no. 091 (M-028), 26 July 1978 (1978-07-26) & JP 53 059128 A (NIPPON SOKEN IN 27 May 1978 (1978-05-27) abstract	1-3,10, 14-16, 21,22			
A		bstract			
}					
Further documents are listed in the continuation of box C. Patent family members are listed in annex.					
T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the					
considered to be of particular relevance "E" earlier document but published on or after the international filing date "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone					
which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or "O" document is combined with one or more other such docume					
'P' docum	means nent published prior to the international filing date but than the priority date claimed	ments, such combination being obvious to a person skilled in the art. & document member of the same patent family			
Date of the actual completion of the international search Date of mailing of the international search report					
3 June 2004 14/06/2004					
Name and	mailing address of the ISA	Authorized officer			
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Ikas, G			

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Intimitional Application No
PCT/EP 03/11598

Patent document dted in search report		Publication date		Patent family member(s)	Publication date
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